

Title (en)

AIR PERMEABILITY MEASURING DEVICE AND SINTERING APPARATUS

Title (de)

LUFTDURCHLÄSSIGKEITSMESSVORRICHTUNG UND SINTERVORRICHTUNG

Title (fr)

DISPOSITIF DE MESURE DE LA PERMÉABILITÉ À L'AIR ET APPAREIL DE FRITTAGE

Publication

**EP 3550282 A4 20191023 (EN)**

Application

**EP 17875861 A 20171113**

Priority

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- KR 2017012805 W 20171113

Abstract (en)

[origin: EP3550282A1] The present invention provides an air permeability measuring device and a sintering apparatus including same, wherein the air permeability measuring device comprises: a plurality of rollers spaced apart from each other in the moving direction of a treated material; a plurality of rotation bodies installed on both side ends of one roller and another roller so as to connect between the one roller and the other roller; a flange installed to seal a top surface of the space that is formed by the plurality of rollers and the plurality of rotation bodies; a hollow duct passing through the flange and extending upward; and a flow velocity sensor mounted to the hollow duct. The air permeability measuring device can continuously and precisely measure the air permeability of the treated material, and the sintering apparatus can continuously and precisely measure the air permeability for each section of a raw material layer.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [X] KR 200150146 Y1 19990701 - PO HANG IRON & STEEL [KR], et al
- [A] KR 20160113403 A 20160929 - POSCO [KR]
- [A] JP S57177126 U 19821109
- See references of WO 2018101645A1

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**EP 3550282 A1 20191009**; **EP 3550282 A4 20191023**; CN 110199188 A 20190903; CN 110199188 B 20220705; JP 2020513552 A 20200514; JP 6744495 B2 20200819; KR 101921940 B1 20181126; KR 20180063714 A 20180612; WO 2018101645 A1 20180607

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**EP 17875861 A 20171113**; CN 201780083821 A 20171113; JP 2019529620 A 20171113; KR 20160163828 A 20161202; KR 2017012805 W 20171113